Electronic Acknowledgement Receipt				
EFS ID:	5233048			
Application Number:	10678807			
International Application Number:				
Confirmation Number:	3252			
Title of Invention:	System and method of adaptively managing bandwidth on optical links shared by multiple-services using virtual concatenation and link capacity adjustment schemes			
First Named Inventor/Applicant Name:	Mark D. MacLean			
Customer Number:	32836			
Filer:	Mary Margaret Steubing/Kelly Martinson			
Filer Authorized By:	Mary Margaret Steubing			
Attorney Docket Number:	NOR-036 (16094RO)			
Receipt Date:	28-APR-2009			
Filing Date:	03-OCT-2003			
Time Stamp:	14:10:04			
Application Type:	Utility under 35 USC 111(a)			

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$1110
RAM confirmation Number	320
Deposit Account	141315
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)			
1		NOR-036_16094ROUS01U_Res	108382	yes	8			
	ponse_to_10-28-08_OA.pdf	1fd6ee0d4f5b67d33bfe33e4e1a4e2d915f0 996a	,					
	Multipart Description/PDF files in .zip description							
	Document Description		Start	End				
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1				
	Applicant Arguments/Remarks Made in an Amendment		2	8				
Warnings:								
Information:								
2 Extension of Time	NOR-036_16094ROUS01U_Exte nsion_of_Time.pdf	77791	no	1				
		88a74276b02ef89160be4f0b7414f66d7fc1 1cbe						
Warnings:								
Information:								
3 Fee Worksheet (PTO-875)	fee-info.pdf	30473	no	2				
		aa12917eb28e80a7a9bc9246b4f42eefb7b ae863						
Warnings:								
Information:								
		Total Files Size (in bytes):	21	6646				

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.